

**AMENDMENTS TO THE SPECIFICATION:**

Please replace the paragraph beginning at page 5, line 16, which starts with “A multi-carrier communication apparatus according to the invention...” with the following amended paragraph:

A multi-carrier communication apparatus according to the invention is a multi-carrier communication apparatus for transmitting data using a plurality of sub-carriers, comprising a modulator that modulates a plurality of sub-carriers arranged in a two-dimensional matrix in a complex plane according to first data, the matrix including a plurality of sub-carriers arranged in a direction of a frequency axis and a plurality of sub-carriers in a direction of a time axis. [[a]] A determining unit ~~which~~ determines a pattern of particular signals associated with ~~first~~ second data, an allocating unit ~~which~~ allocates the determined pattern to sub-carriers of [[a]] the matrix that is formed by arranging a plurality of sub-carriers arranged in the direction of a frequency axis in the direction of a time axis, ~~an allocating unit which allocates sub-carriers modulated by second data to the part of the matrix other than the particular signals,~~ and a transmitting unit ~~which~~ transmits the particular signals allocated to the matrix and the sub-carriers modulated by the second data.